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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Karabinis et al.

Serial No.: 09/261,209

Filed: 3/3/99

For: **DUAL MODE SATELLITE/CELLULAR
TERMINAL**

Attorney's Docket No. 4015-3028

Examiner
Hom, Shick C.
Art Unit 2666

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JAN 23 2003

Technology Center 2600

Raleigh, North Carolina

January 15, 2003

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Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO FINAL OFFICE ACTION

In reply to the Final Office Action dated December 3, 2002, Applicants submit the following Response. If any fees for the Response are due, Applicants submit that this be considered a Petition therefore, and the Commissioner is hereby authorized to charge Deposit Account 18-1167.

REMARKS

The Examiner has maintained the rejection to claims 47-58 under 35 U.S.C. §103(a) as being unpatentable over Ziv et. al. in view of Hannah et. al. The present invention relates to a method of communicating signal bursts between two stations, for example a mobile phone and a satellite relay station, using two different modulation techniques simultaneously. That is, both constant envelope modulated signal bursts and linearly modulated signal bursts are communicated over a single transmit/receive channel pair (i.e., uplink/downlink).